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**From:** Lindstrom, Andrew [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=04BF7CF26AA44CE29763FBC1C1B2338E-LINDSTROM, ANDREW]  
**Sent:** 5/18/2017 3:38:42 PM  
**To:** Autrey, Brad [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=be99dbd409be4563bc615951f5d03562-Autrey, Brad]; Strynar, Mark [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5a9910d5b38e471497bd875fd329a20a-Strynar, Mark]  
**CC:** Smith, Emily J. [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3170dc8557cb488285de7652ad162cdd-Smith, Emily J.]; Biales, Adam [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=db4c5362720344acbe5db220fbe410f2-Biales, Adam]; Medina-Vera, Myriam [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=b081a1f48a044b4c9d1ebc4992c54dee-Medina-Vera, Myriam]  
**Subject:** RE: OCSPP + ORD: StarNews RE: GenX, PFASs in the Cape Fear River watershed

Brad,

# Deliberative Process / Ex. 5

Thank you,

Andy

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**From:** Autrey, Brad  
**Sent:** Thursday, May 18, 2017 11:29 AM  
**To:** Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>  
**Cc:** Smith, Emily J. <Smith.Emily@epa.gov>; Biales, Adam <Biales.Adam@epa.gov>; Medina-Vera, Myriam <Medina-Vera.Myriam@epa.gov>  
**Subject:** FW: OCSPP + ORD: StarNews RE: GenX, PFASs in the Cape Fear River watershed

Andy and Mark-

## Deliberative Process / Ex. 5

-Brad

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Brad Autrey  
U.S. EPA - National Exposure Research Lab  
Communications Team  
26 West Martin Luther King Drive - MS 587  
Cincinnati, OH 45268  
Desk: (513)569-7368 Cell: **Personal Phone / Ex. 6**

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**From:** Sauerhage, Maggie  
**Sent:** Thursday, May 18, 2017 11:12 AM

**To:** Smith, Emily J. <[Smith.Emily@epa.gov](mailto:Smith.Emily@epa.gov)>; Autrey, Brad <[Autrey.Brad@epa.gov](mailto:Autrey.Brad@epa.gov)>  
**Cc:** Maguire, Megan <[Maguire.Megan@epa.gov](mailto:Maguire.Megan@epa.gov)>; Hubbard, Carolyn <[Hubbard.Carolyn@epa.gov](mailto:Hubbard.Carolyn@epa.gov)>  
**Subject:** FW: OCSPP + ORD: StarNews RE: GenX, PFASs in the Cape Fear River watershed

## **Deliberative Process / Ex. 5**

**From:** Jones, Enesta  
**Sent:** Thursday, May 18, 2017 11:04 AM  
**To:** Strauss, Linda <[Strauss.Linda@epa.gov](mailto:Strauss.Linda@epa.gov)>; Sauerhage, Maggie <[Sauerhage.Maggie@epa.gov](mailto:Sauerhage.Maggie@epa.gov)>; Maguire, Megan <[Maguire.Megan@epa.gov](mailto:Maguire.Megan@epa.gov)>; Hubbard, Carolyn <[Hubbard.Carolyn@epa.gov](mailto:Hubbard.Carolyn@epa.gov)>  
**Cc:** Jones, Enesta <[Jones.Enesta@epa.gov](mailto:Jones.Enesta@epa.gov)>; Daguiard, Robert <[Daguiard.Robert@epa.gov](mailto:Daguiard.Robert@epa.gov)>  
**Subject:** OCSPP + ORD: StarNews RE: GenX, PFASs in the Cape Fear River watershed

Hi all, here's OW portion.

## **Deliberative Process / Ex. 5**

1. As I understand it, the advisory level for PFOA/PFOS is 70 ppt. GenX was present at several times that concentration. Does this raise any health concerns at all? Is this nothing to be concerned about?

## **Deliberative Process / Ex. 5**

2. What is the status of EPA's review of the environmental and human safety of GenX? What is the EPA's current position regarding the safety of GenX?

## **Deliberative Process / Ex. 5**

# Deliberative Process / Ex. 5

3. Has or will the EPA take any actions regarding the results from this paper? Is the EPA monitoring the situation and/or conducting its own tests regarding GenX in the Cape Fear River watershed? If so, what, specifically is or will it do and when? If nothing is has been done or is planned, why not? What would it take for the EPA to get involved regarding this situation?

# Deliberative Process / Ex. 5

4. In addition, EPA plans to begin a separate effort to determine the range of perfluoroalkyl substances (PFAS – the group of chemicals of which PFOA and PFOS are a part) for which an Integrated Risk Information System (IRIS) assessment is needed. The IRIS Program identifies and characterizes the health hazards of chemicals found in the environment. IRIS assessments inform the first two steps of the risk assessment process: hazard identification, and dose-response. As indicated in the 2015 IRIS Multi-Year Agenda, the IRIS Program will be working with other EPA offices to determine the range of PFAS compounds and the scope of assessment required to best meet Agency needs. More about this effort can be found at <https://www.epa.gov/iris/iris-agenda>.

# Deliberative Process / Ex. 5

5. The lead author has confirmed that the fluorochemical manufacturer located upstream of the CFPUA is a plant in Fayetteville, N.C., formerly owned by DuPont and now by Chemours. Has the EPA contacted the plant operator regarding these findings? If so, what was the nature of that communication? If not, why not?

Deliberative Process / Ex. 5

Enesta Jones  
U.S. EPA  
Office of Media Relations  
Office: 202.564.7873  
Cell: Personal Phone / Ex. 6

"The root of all joy is gratefulness."

Begin forwarded message:

**From:** "Strauss, Linda" <[Strauss.Linda@epa.gov](mailto:Strauss.Linda@epa.gov)>  
**Date:** May 17, 2017 at 8:26:30 PM EDT  
**To:** "Canavan, Sheila" <[Canavan.Sheila@epa.gov](mailto:Canavan.Sheila@epa.gov)>  
**Cc:** "Pierce, Alison" <[Pierce.Alison@epa.gov](mailto:Pierce.Alison@epa.gov)>, "Ng, Brian" <[Ng.Brian@epa.gov](mailto:Ng.Brian@epa.gov)>, "Fuld, John" <[Fuld.John@epa.gov](mailto:Fuld.John@epa.gov)>, "Lincoln, Larry" <[Lincoln.Larry@epa.gov](mailto:Lincoln.Larry@epa.gov)>, "Sauerhage, Maggie" <[Sauerhage.Maggie@epa.gov](mailto:Sauerhage.Maggie@epa.gov)>, "Hubbard, Carolyn" <[Hubbard.Carolyn@epa.gov](mailto:Hubbard.Carolyn@epa.gov)>, "Jones, Enesta" <[Jones.Enesta@epa.gov](mailto:Jones.Enesta@epa.gov)>, "Daguillard, Robert" <[Daguillard.Robert@epa.gov](mailto:Daguillard.Robert@epa.gov)>  
**Subject:** Re: OCSPP + OW: StarNews RE: GenX, PFASs in the Cape Fear River watershed

Thanks!

Sent from my iPhone

On May 17, 2017, at 6:39 PM, Canavan, Sheila <[Canavan.Sheila@epa.gov](mailto:Canavan.Sheila@epa.gov)> wrote:

## Deliberative Process / Ex. 5

**From:** Strauss, Linda  
**Sent:** Wednesday, May 17, 2017 5:32 PM  
**To:** Pierce, Alison <[Pierce.Alison@epa.gov](mailto:Pierce.Alison@epa.gov)>; Ng, Brian <[Ng.Brian@epa.gov](mailto:Ng.Brian@epa.gov)>; Canavan, Sheila <[Canavan.Sheila@epa.gov](mailto:Canavan.Sheila@epa.gov)>; Fuld, John <[Fuld.John@epa.gov](mailto:Fuld.John@epa.gov)>  
**Subject:** FW: OCSPP + OW: StarNews RE: GenX, PFASs in the Cape Fear River watershed

## Deliberative Process / Ex. 5

Then we can start answering.

Linda

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**From:** Jones, Enesta  
**Sent:** Wednesday, May 17, 2017 4:28 PM  
**To:** Strauss, Linda <[Strauss.Linda@epa.gov](mailto:Strauss.Linda@epa.gov)>; Fuld, John <[Fuld.John@epa.gov](mailto:Fuld.John@epa.gov)>  
**Cc:** Jones, Enesta <[Jones.Enesta@epa.gov](mailto:Jones.Enesta@epa.gov)>; Daguillard, Robert <[Daguillard.Robert@epa.gov](mailto:Daguillard.Robert@epa.gov)>  
**Subject:** OCSPP + OW: StarNews RE: GenX, PFASs in the Cape Fear River watershed

## Deliberative Process / Ex. 5

Enesta Jones  
U.S. EPA  
Office of Media Relations  
Office: 202.564.7873  
Cell: **Personal Phone / Ex. 6**

**"The root of all joy is gratefulness."**

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**From:** Sauerhage, Maggie  
**Sent:** Wednesday, May 17, 2017 4:23 PM  
**To:** Jones, Enesta <[Jones.Enesta@epa.gov](mailto:Jones.Enesta@epa.gov)>  
**Cc:** Maguire, Megan <[Maguire.Megan@epa.gov](mailto:Maguire.Megan@epa.gov)>; Hubbard, Carolyn <[Hubbard.Carolyn@epa.gov](mailto:Hubbard.Carolyn@epa.gov)>  
**Subject:** Re: MAGGIE: GenX, PFASs in the Cape Fear River watershed

## **Deliberative Process / Ex. 5**

**From:** Jones, Enesta  
**Sent:** Wednesday, May 17, 2017 2:27 PM  
**To:** Sauerhage, Maggie <[Sauerhage.Maggie@epa.gov](mailto:Sauerhage.Maggie@epa.gov)>  
**Cc:** Jones, Enesta <[Jones.Enesta@epa.gov](mailto:Jones.Enesta@epa.gov)>; Maguire, Megan <[Maguire.Megan@epa.gov](mailto:Maguire.Megan@epa.gov)>; Hubbard, Carolyn <[Hubbard.Carolyn@epa.gov](mailto:Hubbard.Carolyn@epa.gov)>  
**Subject:** Fwd: ENESTA: GenX, PFASs in the Cape Fear River watershed

Hi Maggie,

## **Deliberative Process / Ex. 5**

# Deliberative Process / Ex. 5

**Enesta Jones**  
**U.S. EPA**  
**Office of Media Relations**  
**Office: 202.564.7873**  
**Cell:** **Personal Phone / Ex. 6**

**"The root of all joy is gratefulness."**

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**From:** Sauerhage, Maggie  
**Sent:** Wednesday, May 17, 2017 12:08 PM  
**To:** Daguillard, Robert <[Daguillard.Robert@epa.gov](mailto:Daguillard.Robert@epa.gov)>  
**Cc:** Maguire, Megan <[Maguire.Megan@epa.gov](mailto:Maguire.Megan@epa.gov)>;  
Hubbard, Carolyn <[Hubbard.Carolyn@epa.gov](mailto:Hubbard.Carolyn@epa.gov)>  
**Subject:** Fw: GenX, PFASs in the Cape Fear River watershed

Hi Robert,

**Deliberative Process / Ex. 5**

## Deliberative Process / Ex. 5

On Wed, May 17, 2017 at 11:00 AM, Lindstrom,  
Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>

**From:** Vaughn Hagerty

[mailto:] **Personal Matters / Ex. 6**

**Sent:** Wednesday, May 17, 2017 9:43 AM

**To:** Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>;  
Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>

**Subject:** GenX, PFASs in the Cape Fear River watershed

Messrs. Lindstrom and Strynar:

My name is Vaughn Hagerty and I'm a journalist working on a story for the StarNews in Wilmington about PFASs, including GenX, in some drinking water systems in New Hanover and Brunswick counties. Among other sources, I'm referencing the paper "Legacy and Emerging Perfluoroalkyl Substances Are Important Drinking Water Contaminants in the Cape Fear River Watershed of North Carolina."

I've interviewed Professor Sun and am scheduled to speak with Professor Knappe this week. I'd like to discuss the issue with one or both of you, as well, either by phone or via email exchange. Is this something we can arrange?

Regards,

Vaughn Hagerty